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## NOTICE OF ALLOWANCE AND FEE(S) DUE

23565 7590 09/30/2008

KLAUBER & JACKSON  
411 HACKENSACK AVENUE  
HACKENSACK, NJ 07601

EXAMINER

LU, SHIRLEY

ART UNIT

PAPER NUMBER

2612

DATE MAILED: 09/30/2008

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/580,905	05/26/2006	John McRae	2991-1-001PCT/US	6800

TITLE OF INVENTION: PERIMETER WALL SECURITY SYSTEM

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$720	\$300	\$0	\$1020	12/30/2008

**THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.**

**THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.**

### HOW TO REPLY TO THIS NOTICE:

#### I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

**IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.**

# **PART B - FEE(S) TRANSMITTAL**

**Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
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INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

23565 7590 09/30/2008

**KLAUBER & JACKSON**  
411 HACKENSACK AVENUE  
HACKENSACK, NJ 07601

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

## **Certificate of Mailing or Transmission**

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

(Depositor's name)
(Signature)
(Date)

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nonprovisional	YES	\$720	\$300	\$0	\$1020	12/30/2008

EXAMINER	ART UNIT	CLASS-SUBCLASS
LU, SHIRLEY	2612	340-541000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
- ☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. **Use of a Customer Number is required.**

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, 1 \_\_\_\_\_
- (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed. 2 \_\_\_\_\_
- 3 \_\_\_\_\_

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will not be printed on the patent) : ☐ Individual ☐ Corporation or other private group entity ☐ Government

4a. The following fee(s) are submitted:

- ☐ Issue Fee
- ☐ Publication Fee (No small entity discount permitted)
- ☐ Advance Order - # of Copies \_\_\_\_\_

4b. Payment of Fee(s); (Please first reapply any previously paid issue fee shown above)

- ☐ A check is enclosed.
- ☐ Payment by credit card. Form PTO-2038 is attached.
- ☐ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number \_\_\_\_\_ (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature \_\_\_\_\_

Date \_\_\_\_\_

Typed or printed name \_\_\_\_\_

Registration No. \_\_\_\_\_

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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10/580,905	05/26/2006	John McRae	2991-1-001PCT/US	6800
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KLAUBER & JACKSON 411 HACKENSACK AVENUE HACKENSACK, NJ 07601			LU, SHIRLEY	
			ART UNIT	PAPER NUMBER
			2612	
DATE MAILED: 09/30/2008				

## Determination of Patent Term Adjustment under 35 U.S.C. 154 (b) (application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 432 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 432 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (<http://pair.uspto.gov>).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

**Notice of Allowability**

Application No.

10/580,905

Examiner

SHIRLEY LU

Applicant(s)

MCRAE, JOHN

Art Unit

2612

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 5/26/06.
2. ☒ The allowed claim(s) is/are 1-34.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some\* c) ☐ None of the:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
- \* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).**
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |  |  |
|--|--|
| 1. <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 5. <input type="checkbox"/> Notice of Informal Patent Application                      |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                               | 6. <input type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date _____. |
| 3. <input checked="" type="checkbox"/> Information Disclosure Statements (PTO/SB/08),<br>Paper No./Mail Date _____ | 7. <input type="checkbox"/> Examiner's Amendment/Comment                               |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material         | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance   |
|  | 9. <input type="checkbox"/> Other _____.   |

***Drawings***

The drawings filed on 5/26/06 are accepted.

***Examiner's amendment***

1. (currently amended) A security system comprising an attachment ~~(4)~~ for mounting on a wall or other perimeter barrier ~~(2)~~, the attachment having first and second parts ~~(4, 6)~~, the first part ~~(4)~~ having an underside that, in use lies on the wall or barrier top and being fixable to the wall or barrier and the second part ~~(6)~~ being mounted for relative movement on said first part upon application of a force thereto whereby movement of the second part generates a signal to activate a visual and/or audible alarm, ~~characterised in that~~ wherein the second part ~~(6)~~ has at least one pair of opposing members ~~(40a, 40b)~~ for partially overlapping ~~a side~~ the underside of the first part ~~(4)~~ so as to retain said second part, the second part being sized so as to allow a limited range of movement with respect to said first part without its release therefrom.
2. (currently amended) A security system as claimed in claim 1 wherein the second part ~~(6)~~ is larger than the first part ~~(4)~~ whereby, in use, a gap ~~(G)~~ is created between said first and second parts.
3. (currently amended) A security system as claimed in claim 1 wherein the second part ~~(6)~~ is moveable with respect to the first part ~~(4)~~ in more than one plane.
4. A security system as claimed in claim 1, wherein means for generating the signal is housed within the interior of the attachment.
5. (currently amended) A security system as claimed in any one of claim 1 wherein the first part has an upper side, an underside and opposing side walls ~~(16)~~ whereby, in

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use, the underside lies on the wall or barrier top and the side walls ~~(16)~~ run parallel with parallel edges of the wall or barrier top.

6. A security system as claimed in claim 5 wherein the underside is solid and the upper side is relieved of material or completely open to expose the interior of the first part.

7. (currently amended) A security system as claimed in claim 5 wherein the second part comprises opposing side walls ~~(36)~~ connected by a roof section ~~(38)~~, the opposing members extending from the free end of each side wall whereby, in use, the opposing side walls ~~(36)~~ lie parallel with the side walls ~~(16)~~ of the first part and the members partially overlap the underside of the first part.

8. (currently amended) A security system as claimed in claim 7 wherein the second part ~~(6)~~ is sized so as to provide a gap ~~(G)~~ between the upper side of the first part and the roof section ~~(38)~~ of the second part.

9. (currently amended) A security system as claimed in claim 7 wherein the second part ~~(6)~~ is sized so as to provide a gap ~~(G)~~ between the side walls ~~(16)~~ of the first part ~~(4)~~ and the side walls ~~(36)~~ of the second part.

10. (currently amended) A security system as claimed in claim 1 wherein one of the opposing members ~~(40a)~~ of the second part is narrower than the other ~~(40b)~~.

11. (currently amended) A security system as claimed in claim 5 wherein the first part ~~(4)~~ has side walls connecting two end walls whereby, in use, the two end walls lie across the wall or barrier top and the side walls align with the edges of the wall or barrier top.

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12. (currently amended) A security system as claimed in claim 11 wherein two parallel rims ~~(48)~~ extend from the underside of the first part for abutting opposing edges of the wall or barrier.

13. (currently amended) A security system as claimed in claim 5 wherein the underside of the first part ~~(4)~~ is wider than the wall or barrier on to which it is mounted such that the first part extends beyond the edges of the wall or barrier.

14. (currently amended) A security system as claimed in claim 5 wherein the first part ~~(4)~~ is mounted on a mounting plate that is attached to the wall or barrier, the first part being wider than the plate.

15. (currently amended) A security system as claimed in claim 7 wherein the first part is provided with at least one spring ~~(28)~~ or other compressible object extending upwardly therefrom for supporting the roof section ~~(38)~~ of the second part.

16. (currently amended) A security system as claimed in claim 7 wherein the first part ~~(4)~~ is constructed such as to provide an integral spring (72) for supporting the roof section of the second part.

17. (currently amended) A security system as claimed in claim 5 wherein the first part ~~(4)~~ is in the form of a trapezoid with the side walls extending from the non-parallel sides of the trapezoid.

18. (currently amended) A security system as claimed in claim 17 wherein the second part ~~(6)~~ comprises two sloping side walls connected by a roof section, each side wall having a rim (40a, 40b) extending from the free edge thereof defining an opening in the second part.

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19. (currently amended) A security system as claimed in claim 18 wherein each rim runs parallel with the roof section ~~(38)~~.

20. (currently amended) A security system as claimed in claim 18 wherein one rim ~~(40b)~~ is wider than the opposing rim ~~(40a)~~.

21. (currently amended) A security system as claimed in claim 18 wherein the opening is dimensioned such as to allow the second part ~~(6)~~ to fit over the first part ~~(4)~~ at a particular orientation but require force to interlock the two parts together.

22. A security system as claimed in claim 21 when dependent from claim 17 wherein the opening is larger than the widest cross-sectional area of the first part, being the diagonal distance between the bottom corner and opposing top corner of the first part, but is smaller than the base or underside of the first part thereby requiring force to allow engagement or disengagement of the second part.

23. (currently amended) A security system as claimed in claim 1 further comprising a third part in the form of a cover ~~(100)~~ for attachment to the second part ~~(6)~~.

24. (currently amended) A security system as claimed in claim 23 wherein the third part ~~(100)~~ has an inner profile that corresponds to an outer profile of the second part ~~(6)~~ to enable the two parts to fit together.

25. A security system as claimed in claim 1 wherein the mechanism for detecting movement between said first and second parts is selected from at least one of a magnetic contact, laser, electronic pressure pad, micro switch, tilt switch, vibration/shock sensor, strain gauge and a load cell.



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26. (currently amended) A security system as claimed in 1 wherein at least one air tube ~~(200)~~ is provided between said first and second parts to detect movement therebetween.

27. (currently amended) A security system as claimed in claim 26 wherein the first part is provided with guides ~~(202)~~ for receiving the air tube.

28. (currently amended) A security system as claimed in claim 27 wherein the air tube ~~(200)~~ passes through a series of convolutions in each attachment.

29. (currently amended) A security system as claimed in claim 26 wherein the air tube ~~(200)~~ is positioned such that an upper surface thereof contacts the inner profile of the second part at least at spaced apart intervals.

30. (currently amended) A security system as claimed in claim 26 wherein a bridging member ~~(90)~~ is provided between said first and second parts to communicate movement of said second part to the air tube.

31. (currently amended) A security system as claimed in claim 30 wherein the bridging member ~~(90)~~ sits within the first part ~~(4)~~ and is unable to move laterally with respect thereto.

32. (currently amended) A security system as claimed in claim 27 wherein the air tube ~~(200)~~ is in the general shape of a tube having an inverted U-shaped extension ~~(208)~~ for attaching the tube to the guides.

33. (currently amended) A security system as claimed in claim 27 wherein more guides ~~(202)~~ are provided in each first part than air tubes whereby, one air tube can

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terminate in an air switch ~~(210)~~ and an additional air tube can be provided on one of the free guides.

34. A security system as claimed in claim 33 wherein at least some of the guides are provided with slots ~~(244)~~ at or near an entry to and/or exit from the first part to enable air tubes to be moved from one guide to another.

35. (canceled)

36. (canceled)

#### **DETAILED ACTION**

#### ***Allowable Subject Matter***

Claim(s) 1-34 is/are are allowed.

The following is an examiner's statement of reasons for allowance:

The prior art does not sufficiently teach or suggest the claimed limitations in their entirety in view of applicant's amendment and arguments, such as A security system comprising an attachment for mounting on a wall or other perimeter barrier, the attachment having first and second parts, the first part having an underside that, in use lies on the wall or barrier top and being fixable to the wall or barrier and the second part being mounted for relative movement on said first part upon application of a force thereto whereby movement of the second part generates a signal to activate a visual and/or audible alarm, wherein the second part has at least one pair of opposing members for partially overlapping the underside of the first part so as to retain said second part, the second part being sized so as to allow a limited range of movement with respect to said first part without its release therefrom.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Shirley Lu whose telephone number is (571) 272-8546. The examiner can normally be reached on 8:30-5:00 M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, George Bugg can be reached on (571) 272-2998. The fax phone number for the organization where this application or proceeding is assigned is (571) 273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

SL

/George A Bugg/

Acting SPE of Art Unit 2612